

IN THE CLAIMS:

Please cancel originally filed claim 1, and add new claims as follows:

1-13. (Canceled).

14. (New) A method of providing forward error correction for data services in a wireless system using time-division multiple-access (TDMA) the method comprising the step of:

encoding data, in a wireless system, employing time-division multiple-access (TDMA), with a parallel concatenated convolutional code which is a Turbo Code comprising a plurality of constituent codes wherein a plurality of data block sizes is used in conjunction with said Turbo Code.

15. (New) A system for providing forward error correction for data services on a wireless system using time-division multiple-access (TDMA), the system comprising:

a Turbo encoder comprising a plurality of constituent encoders, each adapted to encode data, arranged in a plurality of data block sizes in the wireless system employing TDMA, with a parallel concatenated convolutional code.

16. (New) A data signal, embodied in a carrier wave, comprising:

data, arranged in a plurality of data-block sizes adapted for transmission in time-division multiple-access (TDMA) format, that has been encoded by a Turbo encoder including a plurality of constituent encoders, each adapted to encode the data with a parallel concatenated convolutional code.